

ERC Series

Latest Gernal-purpose Relay



EC n(n) - A X 5 z z /...V

* Coil voltage

Describes the options

X = Indicated LED

DX = Integrated freewheeling diode
+ Indicated LED

Contacts material

5 Movable : Ag

Immovable: 2 layers

Cu/Ag

6 Movable : 3 layers

AgBiLa/Cu/AgBiLa

Immovable: 2 layers

Cu/AgNi15

Number of contacts

2/3/4

C/O contacts

Basic type refers to the product line

7 Miniature power relay

9 Miniature control relay

Normal industrial relay code

Pick-up voltage	AC : <80%Us	DC: <75%Us
Release voltage	AC : >30%Us	DC: >10%Us
Maximum work voltage	110%Us	
Ambient temperature	-10 to +40 °C	
Switching frequency at rated load	≤30cpm	
Mechanical life	5×10 ⁷	
Weight	EC9 33g	EC7-A2 34g EC7-A4 70g
Technical approvals	All: TUV CCC EC7-A26 EC9-A25 EC9-A35 EC9-A45 : UL	

* Optional coil voltages

Basic

AC 6,12,24,48,110, 220V 50/60Hz

DC6,12,24,48,110V

With indicated LED

AC24,48,110,220 50/60Hz

DC24,48,110V

With integrated freewheeling diode

DC24,48,110V

+ Indicated LED

Type List

	Type	Poles	AC1,AC15	DC1,DC13	Socket
Power	EC7-A26	2 CO	10A@220V, 3A@220V	0.6A@110V, 0.3A@110V	ES62
	EC7-A46	4 CO	10A@220V, 3A@220V	0.6A@110V, 0.3A@110V	ES64
Control	EC9-A25	2 CO	5A@220V, 1A@220V	0.5A@110V, 0.2A@110V	ES82
	EC9-A35	3 CO	5A@220V, 1A@220V	0.5A@110V, 0.2A@110V	ES83
	EC9-A45	4 CO	3A@220V, 0.3A@220V	0.5A@110V, 0.2A@110V	ES84

Dimensions & Connection diagram

